

19-7813



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

C10-2**Job Sheet 193858-A****Part No:** C10-2**Job Qty:** 4 pcs**Part Name:** Side Plate - MRK**Part Weight:** 0 lbs**Status:** Scheduled**Priority:** Medium**Job Created:** 12/6/19**Job Tracking No:****Due Date:** 12/12/19**Created By:** Kimberley Guerin**Type:** Stock**Description:****Note:** DWG C10-2 Rev 9 IPP Rev. A 18.04.12 new issue DP Verify DD**Ship Via:**

*Split
(see original
w/attached)*

Bill of Materials**Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time	
140	QC 8	4 pcs	12/12/19	0.00	0.00		QC 8 - 12	
							QC 8 - 14	
							QC 8 - 17	
							QC 8 - 20	
							QC 8 - 25	
							QC 8 - 3	
							QC 8 - 32	
							QC 8 - 33	
							QC 8 - 35	
							QC 8 - 39	
							QC 8 - 4	
							QC 8 - 44	
							QC 8 - 45	
							QC 8 - 49	
							QC 8 - 58	
							QC 8 - 8	
							QC 8 - 9	
							QC 8 - 68	
							QC 8 - 67	
							QC 8 - 1 (A)	
							QC 8 - 47	
							QC 8 - 40	
							QC 8 - 52	
							QC 8 - 23	
150	Outsource - 4 - Anodize	4 pcs	12/12/19				ATG001-VC 8	
160	Packaging 2-1 - Receive - B4B	4 pcs	12/12/19	0.00	0.00		Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	

**Container No:** S238034**Part:** C10-2**Job No:** 193858-A**Serial No/Batch:** S194569**Revision:** Rev 9**Inspector:****Exp Date:****Instructions:**

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Date: 12/11/19

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				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP DEC 16 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
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				Packaging 2 - 30 - B4B	
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				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
170	QC 6	4 pcs	12/12/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
180	External Load - 2 - B4B	4 pcs	12/12/19	0.00 0.40	Small Fab - 1 - B4B
					Small Fab - 2 - B4B
					Small Fab - 3 - B4B
					Small Fab - 4 - B4B
					Small Fab - 5 - B4B
					Small Fab - 6 - B4B
					Small Fab - 7 - B4B
190	QC 5	4 pcs	12/12/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
					QC 5 - 40
200	Packaging 3-1 - Stock - B4B	4 pcs	12/12/19	0.00 0.00	Packaging 3 - 1 - B4B

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				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
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				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
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				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
210	QC 21 - FG	4 pcs	12/12/19	0.00 0.00	
				QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - FG - 53	

Part Op **140** - (QC8- Inspect parts - second check)
 Descriptions: **150** - Issue P/O to ATG: _____ -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required
160 - (Receive & Inspect for Damage & Mat'l Certs)
170 - (QC6- All purchased or subcontracted products)
180 - 1-Install HELICOIL inserts as per deviation.
190 - (QC5- Inspect part completeness to step on W/O)
200 - (Identify as per dwg & Stock Location: _____)
210 - (QC21- Final Inspection - Work Order Release)

GA194

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
MS21209F1-20	Heli Coil	35 32 Ea (8 ea)	180-External Load - 2 - B4B	5181662

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
180-External Load - 2 - B4B	MS21209F1-20	32	92	0

Part Specifications	
Specifications could not be found.	



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C10-2**Job Sheet 193858****Part No:** C10-2**Job Qty:** 12 pcs *5***Part Name:** Side Plate - MRK**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 4/23/19**Job Tracking No:****Due Date:** 5/8/19 *5/15/19***Created By:** Marie Lajeunesse**Type:** SOLD *STK***Description:****Note:** DWG C10-2 Rev 9 IPP Rev. A 18.04.12 new issue DP Verify DD**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	12 pcs	5/8/19	5/8/19	0.00	1.20	Bandsaw - 1		
120	NV5000 - 1 - B4B	12 pcs	5/8/19	5/8/19	1.50	24.00	NV5000 - 1 - B4B		<i>MA 19/06/28</i>
							NV5000 - 2 - B4B		
130	QC 2	12 pcs	5/8/19	5/8/19	0.00	0.00	QC 2 - 1		<i>MA 19/06/28</i>
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
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							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		

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140 QC 8	12 pcs	5/8/19	0.00	0.00	QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
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					QC 8 - 32	
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					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	B. 19-11-16
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
150 Outsource - 4 - Anodize	12 pcs	5/8/19			ATG001-VC GROSS	2019-12-02
160 Packaging 2-1 - Receive - B4B	12 pcs	5/8/19	0.00	0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
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					Packaging 2 - 16 - B4B	
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					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
170 QC 6	12 pcs	5/8/19	0.00	0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
180 Small Fab - 2 - B4B	12 pcs	5/8/19	0.00	1.20	Small Fab - 1 - B4B	
					Small Fab - 2 - B4B	
					Small Fab - 3 - B4B	
					Small Fab - 4 - B4B	
					Small Fab - 5 - B4B	
					Small Fab - 6 - B4B	
190 QC 5	12 pcs	5/8/19	0.00	0.00	Small Fab - 7 - B4B	
					QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
200 Packaging 3-1 - Stock - B4B	12 pcs	5/8/19	0.00	0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
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					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	

210 QC 21 - FG	12 pcs	5/8/19	0.00	0.00	Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
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					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					QC 21 - FG - 21	
					QC 21 - FG - 70	
					QC 21 - FG - 53	

Part Op 100 - Cut blanks to 12.50"

Descriptions: 120 - 1-Machine as per folio FC280 FOLIO REV: AA DWG REV: 9 ***SEE DEVIATION*** 2-Debur

130 - (QC2- Inspect parts off machine FAI/FAIB)

140 - (QC8- Inspect parts - second check)

150 - -Issue P/O to ATG: 45279 -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required

160 - (Receive & Inspect for Damage & Mat'l Certs)

170 - (QC6- All purchased or subcontracted products)

180 - 1-Install HELICOIL inserts as per deviation. 2-Fill groves with white paint as per note 2

190 - (QC5- Inspect part completeness to step on W/O)

200 - (Identify as per dwg & Stock Location: _____)

210 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6S1.750X10.000	6061T6 SHEET 1.750 X 10.000	12.5040 ft (1.042 ea)	100-Bandsaw - 1	<u>5089472</u>
MS21209F1-20	Heli Coil	96 Ea (8 ea)	180-Small Fab - 2 - B4B	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M6061T6S1.750X10.000	13	13	0
180-Small Fab - 2 - B4B	MS21209F1-20	96	32	0

Part Specifications

Specifications could not be found.

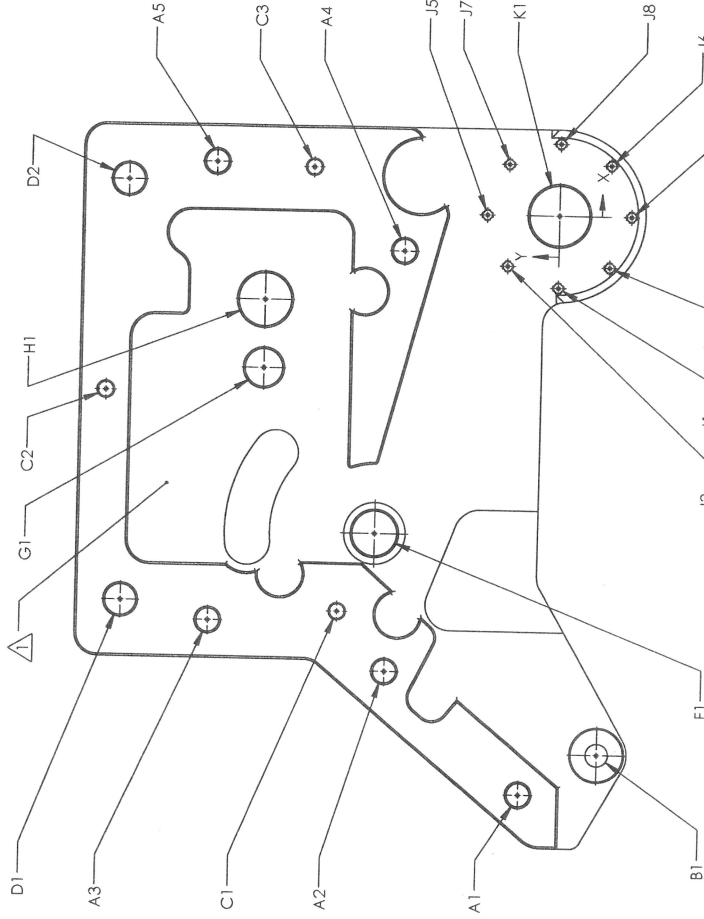
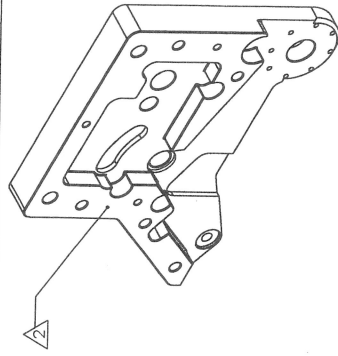
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TAG	X LOC	Y LOC	SIZE
A1	-9.625	.483	
A2	-7.610	2.750	
A3	-6.813	5.719	
A4	-.625	2.562	
A5	.812	5.719	
B1	-8.938	-.813	Ø .386 THRU ALL 2X .03 X 45°
C1	-6.625	3.562	Ø .375 THRU ALL 2X .03 X 45°
C2	-3.000	7.505	Ø .8765 ±.005 Ø .8755 ±.730 ±.000 .02 X 45°, NEAR SIDE
C3	.750	4.100	Ø .250 ±.005 2X .02 X 45°
D1	-6.500	7.187	Ø .516 THRU ALL 2X .03 X 45°
D2	.500	7.187	
F1	-5.313	2.965	Ø .7488 THRU ALL Ø .7493 .03 X 45°, NEAR SIDE Ø 1.030 ±.005
G1	-2.598	4.875	Ø .6238 THRU Ø .6234 .03 X 45°, NEAR SIDE
H1	-1.473	4.875	Ø .8765 THRU Ø .8755 .03 X 45°, NEAR SIDE
J1	-1.201	.000	
J2	-.849	-.849	
J3	-.849	.849	
J4	-.000	-1.201	
J5	-.000	1.201	
J6	.849	-.849	
J7	.849	.849	
J8	1.201	.000	
K1	-.000	.000	10-32 UNF THRU ALL
			Ø .9995 THRU ALL Ø .9985 .03 X 45°, NEAR SIDE

REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4		AS DRAWN BY CANAM.	5/16/2013	CFS	JAG
5		CHD TOL. ON HOLES B1, F1, G1, H1, & K1	5/16/2013		
6	14-0114	CHD TOL. BLOCK WAS RED BARN IS DART. ADDED MACHINE ENGRAVE NOTE. CHD TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/17/2014	DPD	RW
7	14-0218	DELETED HOLES E1 AND E2. ADDED LASER ENGRAVE NOTES AND DEFINED BOUNDARY.	9/23/2014	PIC	JAG
8	15-0074	CHD CAUTION NOTE WAS 2.50" IS 5.00". CHD NOTE ADDED NOT USED ON KEYS/LESS ASSEMBLY.	3/31/2015	DPD	JAG
9	15-0268	CHD HOLE ALL TO BE CALLED FROM SAME SURFACE B1 WAS .735 ±.005 ±.000. ADDED HOLE NOTE DELETED LASER ENGRAVING DETAILS. HOLE & RELATED DIMS. DELETED UNNECESSARY DIMS SHEET 2.	9/18/2015	DPD	JAG



NOTE:
1 MACHINE ENGRAVE BATCH NUMBER.
2 HOLE TO BE CALLED FROM THIS SURFACE.

DART
Aerospace

SIDE PLATE - MRK

TITLE	C10-2	REV	9
DWG NO.			
MAT'L	6061	DRAWN BY:	CANAM
DATE	5/16/2013	APPROVED	
UNIT	INCHES	FINISH	2.000
FRAC	1/16	BLACK ANODIZE	
1. DIMENSIONS ARE IN INCHES			
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 193858 M15
19-04-23

ASSY QTY	B/O	Part #	Part QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
		C10-2	1	SIDE PLATE - MRK	6061	

DATE 4/26/2002 SHEET 1 OF 2

DART AEROSPACE LTD		Work Order:	193858
Description: SIDE PLATE - MARK		Part Number:	C10-2
Inspection Dwg: C10-2 Rev: 9			
		Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø.386	+ .005 - .001	.389	✓		—	G-P
.03 X 45°	± .010 ± 1/2°	.020	✓		MGP-04	VERN.
Ø.375	+ .005 - .002	.376	✓		—	G-P
.03 X 45°	± .010 X 1/2°	.020	✓		MGP-04	VERN.
Ø.8755	+ .001 - .000	.8755	✓		—	G-P
.730	+ .005 - .000	.732	✓		MGP-05	D-M
.02 X 45°	± .010 X ± 1/2°	.020	✓		MGP-04	VERN.
.250	+ .005 - .000	.250	✓		—	G-P
±.688	+ .005	.685	✓		MGP-04	VERN.
.02 X 45°	± .010 X ± 1/2°	.015	✓		"	"
Ø.516	+ .005 - .001	.518	✓		—	G-P
.7493	+ .0005 - .000	.7498	✓		—	G-P
Ø1.030	+ .001 - .001	1.031	✓		MGP-04	VERN.
±.735	+ .005 - .005	.732	✓		MGP-05	D-M
Ø.6234	+ .0004 - .000	.6235	✓		—	G-P
Ø.8755	+ .001 - .000	.87750	✓		—	G-P oversize
Ø.9985	+ .001 - .000	.9992	✓		—	G-P
5.87	± .010	5.87	✓		MGP-04	VERN.
1.75	± .010	1.749	✓		"	"
1.44	± .010	1.437	✓		"	"
6.14	± .010	6.136	✓		3/006	H-G
3.44	± .010	3.440	✓		3/006	H-G
Ø.75	± .010	Ø.75	✓		MGP-04	VERN.
7.09	± .010	7.093	✓		3/006	H-G
1.250	± .005	1.252	✓		MGP-01	Mic.
.177	± .005	.177	✓		MGP-05	D-M
.177	+ .005	.177	✓		MGP-05	D-M
R.03	± .010	.03	✓		—	R-G
.625	+ .005 - .000	.627	✓		MGP-05	D-M
.03 X 45°	± .010	.030	✓		MGP-04	VERN.
.03 X 45°	± .010	.030	✓		VERN	VL
.13 X 45°	± .010	.120	✓		VL	VL

Measured by: A.L.A./gmf	Checked by: B.A.	QC Inspector:
Date: 28/6/19	Date: 19-11-16	Date:

Engineering Approval: (If necessary)	Date:
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Rev	Date	Change	Revised by	Approved
B	14.07.31	New Issue	KJ	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045279



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045279

PO Date: 12/2/19

Due Date: 12/10/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	193858-A	C10-2	C10-2 Rev 9	Side Plate - MRK -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL-A- 8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	12/10/19	4 pcs	0 pcs	4 pcs	\$12.50/pcs	\$50.00
2	194522-A	C10-1	C10-1 Rev 9	Side Plate Solenoid Side -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL-A- 8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	12/10/19	1 pcs	0 pcs	1 pcs	\$12.50/pcs	\$12.50
Grand Total:												\$62.50

Guerin



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045279



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/11/19 8:22 AM Dart.Guerin.Kimberley

**Certificat de Conformité / Certificate of Compliance**
(024610-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.grouppaltech.com

Bon de Livraison / Packing Slip**024610 - 1**

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.		
10-Dec-2019		SPARTAKOS BOUNTOURIS				POHB045279		
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C10-2 Rev.9	C10-2 01-ANO-BLACK [ANODIZE BLACK] AS PER IAW MIL-A-8625F TYPE - 2, CLASS - 2 WATER SEALANT	ANODIZE CH	4	4	0	0	0
2	C10-1 Rev.9	C10-1 01-ANO-BLACK [ANODIZE BLACK] AS PER IAW MIL-A-8625F TYPE - 2, CLASS - 2 WATER SEALANT	ANODIZE CH	5	1	0	0	4

RECEIVED
DEC 11 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual ThicknessInspecteur Qualité
Quality InspectorRéçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.

DQA: 2R Date: Dec 31/19
 QA Closed: 19-7813 Date: 193858

WORK ORDER NON-CONFORMANCE / UPDATE



Work Order update only			
Work Order: <u>193858</u> Part No.: <u>C10-1/C10-2 REV_9</u> NCR No.: _____		AGAINST DEPARTMENT/PROCESS Cross tube ☐ Water Jet ☐ Skid-tube ☐ Machining ☐ Prod. Eng. Coord. ☐ Thermoforming ☐ Large Fab ☐ Rec/Store/Packaging ☐ Composite ☐ Supplier ☐	
DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☒ Suspected Unapproved ☐		Engineering ☒ Quality ☐ Other ☐	
Date: <u>19-11-16</u> Step #: <u>120</u>		QTY Effective: <u>5</u>	
Description Work Order Deviation - REPLACE TAPPED HOLES WITH HELICOIL INSERTS C10-1 SIDE PLATE -"D" HOLES QTY 8 TAP FOR 10-32 MS21209F1-20 HELICOIL -"E" HOLES QTY 3 TAP FOR 1/4-28 MS21209F4-20 HELICOIL C10-2 SIDE PLATE -"J" HOLES QTY 8 TAP FOR 10-32 MS21209F1-20 HELICOIL		Disposition - THIS DEVIATION IS ACCEPTABLE. - THE FIT, FORM AND FUNCTION OF THE PART WILL BE AS ORIGINALLY INTENDED.	
Root Cause Environment ☐ No Re-verification ☐ Design ☒ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☐ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐		FAULT CATEGORY Temperature/Cure ☐ Pressure/Forced ☐ Set-up ☐ Bending ☐ BOM/Route ☐ Centre Not Concentric ☐ Broken/Damage/Defect ☐ Cracks ☐ Inspection Incomplete/Unqualified ☐ Crimp/Kink/Ripple/Wave ☐ Contamination ☐ Cuffs ☐ Countersink ☐ Crushing ☐ Cut Too Short ☐ Heat Treat ☐ Instructions Incomplete/Unclear ☐ Wave/Twist in Tube ☐ Drill Holes ☐ Marks/Chatter ☐	
OTHER : _____		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☒ Finish ☐ Misread ☐ Turning Sequence ☐	
MRB (QS1042) Approval <u>M. Lee</u> Sept 5, 2018		Completed By <u>AA</u> <u>19-06-28</u> Lead hand / Supervisor <u>B-c</u> <u>19-11-16</u> Approval Verification	
QC / QA Coordinator DAS <u>9</u> 9-89 <u>19-12-02</u>			